

AMENDMENTS TO THE SPECIFICATION:

Please replace the original title with the following amended title:

**X-RAY DETECTOR SYSTEM HAVING LOW Z MATERIAL PANEL**

Please replace the original abstract with the following amended abstract:

~~The present invention provides for a~~ A method and apparatus ~~to detect~~ for detecting concealed items on or in an object by utilizing a low Z material panel. The object to be scanned is located between an x-ray detector and the low Z material panel. The method includes producing a pencil beam of x-rays from an x-ray source directed toward ~~said~~ the object, scanning the beam of x-rays over the object, and detecting x-rays scattered from the beam of x-rays as a result of interacting with the object ~~and a~~ and the low Z material panel, ~~the object located between the detector and the panel~~. The apparatus ~~provides for~~ includes an x-ray source to produce a pencil beam of x-rays directed toward ~~an object~~ the object, a scanner to scan the beam of x-rays over the object, ~~and a~~ and the detector to detect x-rays scattered from the beam of x-rays as a result of interacting with the object and the low Z material panel, ~~the object located between the detector and the panel~~.

A revised Abstract is attached to this paper. This sheet replaces the original sheet including the Abstract.